

Work Order ID 161246

Tuesday, May 09, 2017 11:05:22 AM

161246

Page 1

Item ID: D3019-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Back Cushion

Start Date: 5/9/2017 Start Qty: 2.00

2

Cust Item ID:

Required Date: 5/23/2017 Req'd Qty: 2.00

2

Customer:

Reference:

DAS
13
9-89

Approvals: Process Plan: _____ Date: MAY 09 2017

Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D3019

B

100

0.00

100

Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O: 36249

Possible supplier: Chestnut Ridge Airflex fire-resistant aircraft cushioning

Order: Grade 30-40 (colour green), Density 2.6lb/ft³

Material must meet FAR 27.853(a) or 25.853(a), Part is symmetric about centerline

2MAY 09 2017DAS
13
9-89

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.04

Packaging

Ensure Material Release Note is attached

2x Sp17-5-29.

Tuesday, May 09, 2017 11:05:22 AM

Page 2

[illegible]

Picklist Print

Tuesday, May 09, 2017 11:05:20 AM

Page 1

Work Order ID: 161246

161246

Parent Item: D3019-1

D3019-1

Parent Item Name: Back Cushion

Start Date: 5/9/2017

Required Date: 5/23/2017

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP: B01.06.07Removed acid etch & alodine EC/SM
11.08.08 added note per NCR 11-588 DD VERF:EC IPP REV:C

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D3019-1P		Purchased		No		110	Each	0.0000	1	2			
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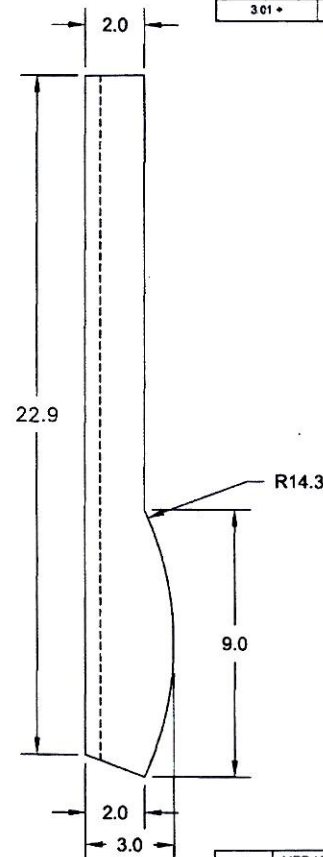
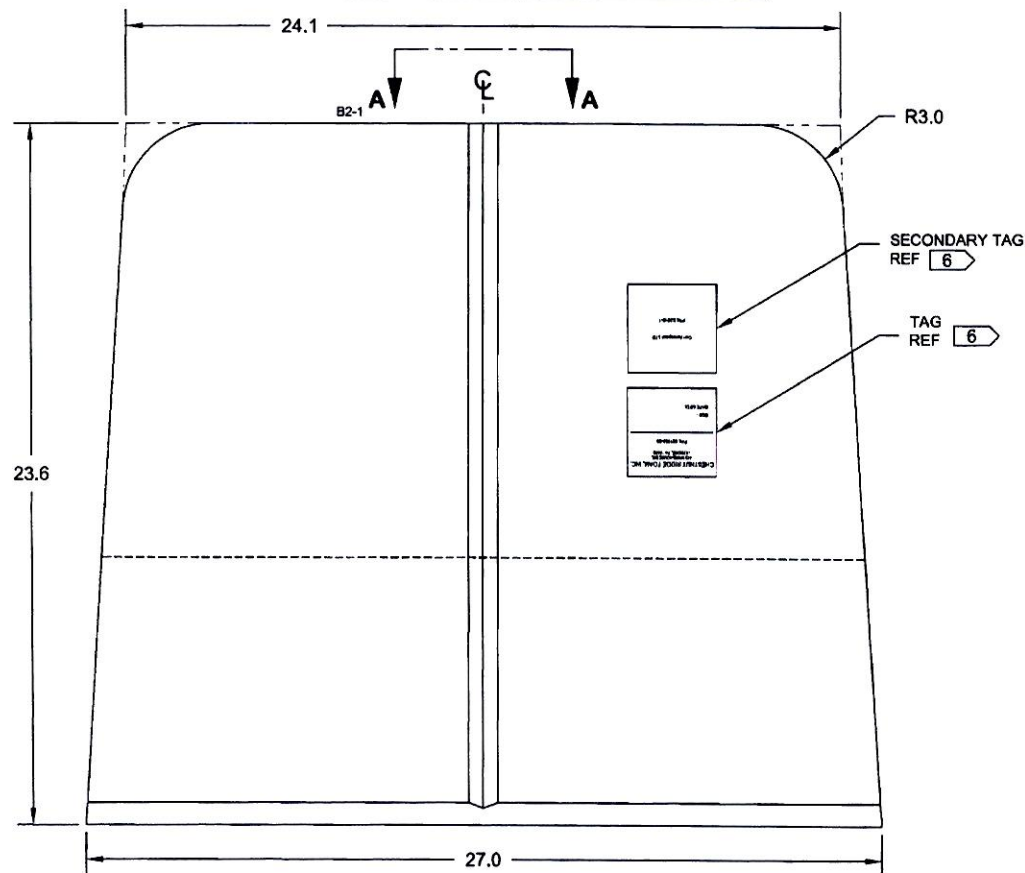
D3019-1P

Back Cushion

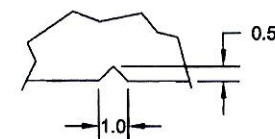
2x 80175-29.

SPECIFICATION CONTROL DRAWING

TABLE 1									
THICKNESS/ HEIGHT	TOLERANCE		LENGTH/ DEPTH	TOLERANCE		WIDTH (LEFT TO RIGHT)	TOLERANCE		
	(+)	(-)		(+)	(-)		(+)	(-)	
0.0 - 0.50	0.06	0.06	0.00 - 6.00	0.06	0.06	0.00 - 6.00	0.06	0.06	
0.51 - 1.00	0.13	0.06	6.01 - 12.00	0.13	0.13	6.01 - 12.00	0.13	0.13	
1.01 - 3.00	0.13	0.06	12.01 - 24.00	0.25	0.25	12.01 - 24.00	0.25	0.25	
3.01 +	0.19	0.13	24.01 +	0.50	0.38	24.01 +	0.50	0.38	



MAY 09 2017
DAS
13
9-89
W10.161248



VIEW A-A D7-1

RELEASED
2011-05-13

D3019-1 BACK CUSHION

NOTES:

- 1) MATERIAL: MUST MEET FAR 27.853(a) OR 25.853(a) AIRFLEX FIRE-RESISTANT AIRCRAFT CUSHIONING GRADE 30-40 (COLOUR GREEN) DENSITY 2.6 lb/ft³
- 2) FINISH: NONE
- 3) TOLERANCES: PER TABLE 1
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A

6) IDENTIFICATION: TAG(S), BURNED, TO SHOW THE FOLLOWING AT MINIMUM:

CHESTNUT RIDGE FOAM, INC.
443 WAREHOUSE DR.
LATROBE, PA 15650
SO#
DATE MFD:
DART AEROSPACE LTD. P/N D3019-1

- 7) PART IS SYMMETRICAL ABOUT CENTERLINE
- 8) MAKE PER TEMPLATE
- 9) POSSIBLE SUPPLIER: CHESTNUT RIDGE P/N 601988-99

B	UPDATE TO CURRENT STD; DRAWING REVISED IAW CHESTNUT RIDGE MFG DWG. REF: NCR11-588	MB	11.05.10
A	NEW ISSUE	CP	01.05.18
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	11.05.10		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. REV. B
D3019 SHEET 1 OF 1
TITLE SCALE
BACK CUSHION NTS

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36249

Purchase Order Date 5/9/2017 11:06:55 AM
PO Print Date 5/9/2017

Page Number 1 of 2

Order From :
CHESTNUT RIDGE FOAM, INC.
PO BOX 6015
HERMITAGE, PA 16148
US

VU-CHE001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 724 537 9000
Ship To Contact
Ship To Phone
Ship Via: FedEx Overnight collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D3018-1P AS PER DWG D3018 REV. B B160666	Seat Cushion	5/22/2017 Yes 5/22/2017		4.00 Each	\$60.40	\$241.60

Line Total: \$241.60

3	D3019-1P AS PER DWG D3019 REV. B B161246	Back Cushion ✓	5/22/2017 Yes 5/22/2017		2.00 Each	\$46.77	\$93.54
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Line Total: \$93.54

Note:

5/9/2017

Chestnut Ridge Foam, Inc.
443 Warehouse Drive
P.O. Box 781
Latrobe PA 15650

Phone: 724-537-9000
Fax: 724-537-9003



Pack Slip: 70340

Packing Slip

Page: 1 of 1

Ship To: Fed Exp #1517-9324-0
Dart Aerospace Ltd.
1270 Aberdeen Street
Tel: 613-632-3336
Hawkesbury ON K6A 1K7
Canada

Phone: 613-632-3336
Fax: 613-632-1053

Sold To: Chantal Lavoie Fax#: 613-632-1053
Dart Aerospace Ltd.
1270 Aberdeen Street
Tel: 613-632-3336
Hawkesbury ON K6A 1K7
Canada

Phone: 613-632-3336
Fax: 613-632-1053

Ship Date: 5/25/2017
Ship Via: Fed Exp P1

F.O.B. Origin

PO Line	Part Number/Description Planned Qty	Shipped Qty	Rev PO Line
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Sales Order: 57978

Your PO: PO36249

Salesperson: Matt Gurgio

Certificate of Conformity that all components comply with 14CFR 25.853(a) 12 Second Vertical Burn with Shipment
The following Quality Clause Codes apply to this order: A004, A005, A016, A026, A027, A040, A042, and A043.

Line 1
D3018-1P
AIRFLEX Bottom Cushion
4.00 EA

Rel 1

4.00 EA

Our Part: 502148-99

Line 2
D3019-1P
AIRFLEX Back Cushion
2.00 EA

Rel 1

2.00 EA

Our Part: 601988-99

DAS
38
9-89

5017529

CONTACT CHESTNUT RIDGE FOAM IF THERE IS DAMAGE OR DISCREPANCIES 724-537-9000



Certificate of Conformance

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury
Ontario CANADA K6A 1K7

PURCHASE ORDER: PO36249

SALES ORDER: 57978

DATE SHIPPED: 05/25/17

I certify that the individual components comprising the part(s) shipped against the above-referenced purchase order meets:

14 CFR 25.853(a), APPENDIX F, PART 1(a)(1)(ii), AMENDMENT 25-116

Quantity	Customer Part Number	CRF Part Number	Material	Batch Number
4	D3018-1P	502148-99	CR AIRFLEX 55-65	AF17010
4	D3019-1P	601988-99	CR AIRFLEX 30-40	AF17010

MADE IN THE U.S.A

Robin Meighen

Digitally signed by Robin Meighen
DN: cn=Robin Meighen, o=Chestnut Ridge
Foam, Inc., ou=Sr. C.A. Inspector,
email=rmeighen@chestnutridgefoam.com, c=US
Date: 2017.05.25 07:28:49 -04'00'

4/5
3/1
9/89

❖ 443 Warehouse Drive Latrobe, PA 15650
❖ Phone: 724-537-9000 Fax: 724-537-9003

CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 16392
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT CR AIRFLEX
BATCH / LOT NO AF17010
CUSTOMER PRODUCTION
P.O. NO :
OTHER IDENTIFICATION CR AIRFLEX 55-65, 1/2 inch thickness
CRF P/N:

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST, 12 SECOND IGNITION TIME

MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F : YES

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN NA

MATERIAL COLOR ORANGE

CONDITIONING STARTED : DATE 3-14-17
TIME 9:00 AM

TEST STARTED : DATE 3-16-17
TIME 11:20 AM

RESULTS

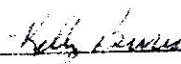
	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1	0.0	0.0	3.3
#2	0.0	0.0	3.9
#3	0.0	0.0	4.2
AVG	0.0	0.0	3.8

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY Kelly Bures
Laboratory Technician



CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 16389
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT CR AIRFLEX
BATCH / LOT NO AF17010
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION CR AIRFLEX 30-40, 1/2 inch thickness
CRF P/N:

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST, 12 SECOND IGNITION TIME

MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F YES

MATERIAL COMPOSITION AIRFLEX

MATERIAL PATTERN NA

MATERIAL COLOR GREEN

CONDITIONING STARTED : DATE 3-15-17
TIME 9:00 AM

TEST STARTED : DATE 3-16-17
TIME 11:05 AM

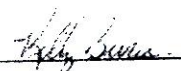
RESULTS	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1	0.0	0.0	3.2
#2	0.0	0.0	3.4
#3	0.0	0.0	3.6
AVG	0.0	0.0	3.4

PASS X FAIL

COMMENTS

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : Kelly Bures
Laboratory Technician



CHESTNUT RIDGE FOAM INC
VERTICAL BURN TEST # 16200
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
 SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.859

FOR THE TYPICAL FIRE TEST
 BURNER TYPE NO. 1
 TEST ROOM NO. 1000
 TEST DATE 06/10/00
 TEST ROOM LOCATION

TEST DESCRIPTION: VERTICAL BUNSEN BURNER TEST 12 SECOND CRITERIA TIME

MINIMUM FLAME MINIMUM FLAME TEMPERATURE OF 500 F

TEST ROOM TEMPERATURE 74

TEST ROOM HUMIDITY 45%

MATERIAL PERIOD 100

TEST RESULTS (FLAME) DATE 06/10/00
 TIME 11:00 AM

TEST STARTED DATE 06/10/00
 TIME 11:25 AM

ITEM NO.	FLAME TIME (SECONDS)		MINIMUM FLAME TEMPERATURE (SECONDS)		BURN LENGTH (INCHES)	
	WAVE	FL	WAVE	FL	WAVE	FL
1	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0

FLAME X 1.00

COMMENTS:

THIS MATERIAL MEETS THE REQUIREMENTS OF 14 CFR 25.859, PART 25, SECTION 859.9
 (FEDERAL AERONAUTICS ADMINISTRATION, PART 25.859.9)

TESTED BY Kelly Hayes
 Kelly Hayes
 Kelly Hayes

500 N. MILLER PARK RD
 P.O. BOX 407
 CONOVER, NC 28613-0407
 PHONE (818) 464-4613
 FAX (818) 464-0459

HANES
engineered materials
Legg & Platt

INVOICE

JAMES ENGINEERED MATERIALS
 150 FINANCIAL SERVICES CO.
 P.O. BOX 60584
 CHARLOTTE, NC 28260

SOLD TO CHESTNUT RIDGE FOAM
 ROUTE 981 NORTH
 PO BOX 781
 LA TROBE, PA 15050

SHIP TO CHESTNUT RIDGE FOAM
 142 WAREHOUSE DRIVE
 LA TROBE, PA 15050

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	PRICE	TOTAL
1	1.00	EA	12" VERTICAL BUNSEN BURNER TEST 12 SECOND CRITERIA TIME	100.00	100.00
2	1.00	EA	12" VERTICAL BUNSEN BURNER TEST 12 SECOND CRITERIA TIME	100.00	100.00
3	1.00	EA	12" VERTICAL BUNSEN BURNER TEST 12 SECOND CRITERIA TIME	100.00	100.00
4	1.00	EA	12" VERTICAL BUNSEN BURNER TEST 12 SECOND CRITERIA TIME	100.00	100.00
5	1.00	EA	12" VERTICAL BUNSEN BURNER TEST 12 SECOND CRITERIA TIME	100.00	100.00
6	1.00	EA	12" VERTICAL BUNSEN BURNER TEST 12 SECOND CRITERIA TIME	100.00	100.00
7	1.00	EA	12" VERTICAL BUNSEN BURNER TEST 12 SECOND CRITERIA TIME	100.00	100.00
8	1.00	EA	12" VERTICAL BUNSEN BURNER TEST 12 SECOND CRITERIA TIME	100.00	100.00
9	1.00	EA	12" VERTICAL BUNSEN BURNER TEST 12 SECOND CRITERIA TIME	100.00	100.00
10	1.00	EA	12" VERTICAL BUNSEN BURNER TEST 12 SECOND CRITERIA TIME	100.00	100.00

THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF HANES ENGINEERED MATERIALS. IT IS TO BE USED FOR THE PURPOSES SPECIFIED IN THE ORDER ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF HANES ENGINEERED MATERIALS.

10/05 ORIGINAL TOTAL INVOICE AMOUNT \$100.00

CHESTNUT RIDGE FOAM, INC.

443 WAREHOUSE DR.
LATROBE, PA 15650

P/N: 601988-99

SO# : 57978

DATE MFD: 05/17

CHESTNUT RIDGE FOAM, INC.

443 WAREHOUSE DR.
LATROBE, PA 15650

P/N: 601988-99

SO# : 57978

DATE MFD: 05/17